

## SFC-300 SERIES Fire Alarm Control Panels



### Description

Summit's SFC-300 Series Fire Alarm Control Panels are microprocessor based units designed for maximum flexibility and easy installation. Fully configurable from the front panel using the push buttons and DIP switches, it enables the user to configure the system to meet their specific requirements.

The SFC-300 Series panels come complete with Eight Class B (Style B) Initiating Circuits which may be configured as Four Class A (Style D) Circuits. The panels can be expanded up to 24 Class B or 12 Class A circuits with the addition of the SDM-308 Initiating Circuit Module. In addition the panels come equipped with Four Class A/B (Style Z/Y) Indicating circuits which are each rated at 1.7 Amps. The SFC-300 Series also include a 6 Amp Power Supply which powers the system and supplies two 4-wire resettable regulated smoke power supply of 24 VDC 200mA maximum each. The SFC-300 Series panels also allow for the addition of two SSM-304 Signal Modules or two SRM-308 Relay modules in place of the SDM-308 Initiating Circuit Adder Modules. (Maximum of 3 Adder modules)

The enclosure is available with a red door and black backbox. A Fire Retardant Lexan Window in the hinged door allows for viewing of the status LEDs. It comes with a durable CAT-30 lock and key. Space is provided for up to 17 AH Gel Cell batteries.

### Features

- Eight Class B (Style B) Initiating Circuits which may be configured as Four Class A (Style D) Circuits. Expandable up to 24 Class B or 12 Class A Initiating Circuits
- Four Class A/B (Style Z/Y) Indicating Circuits with individual trouble indicators (1.7 Amps max. per circuit)
- Each Indicating Circuit can be configured as Silenceable or Non-Silenceable. Audibles may be configured as Steady, Temporal Code, California Code or March Time
- Each Initiating Circuit can be configured as Alarm, Supervisory, Waterflow or Trouble
- Two LEDs per Initiating circuit; one for Trouble and one for Status
- Initiating and Indicating Circuits may be individually disconnected by a DIP switch
- Configurable Signal Silence Inhibit, Auto Signal Silence, Two-Stage Operation and One Man Walk Test
- Alarm Verification on Initiating Circuits
- Subsequent Alarm, Supervisory and Trouble operation
- Two outputs for 4 wire resettable smoke power supply (200 mA Max. each)
- Auxiliary relay contacts for Common Alarm and Common Supervisory as well as a Common Trouble Relay (Each relay contact Form C, 28 VDC @ 1 Amp (resistive))
- RS-485 Interface for Remote Multiplex Annunciators
- Interface for Remote Trouble Indicator
- Easy configuration via push buttons and DIP switches on the front panel
- Extensive Transient Protection
- 6 Amp Power Supply
- Removable door for easy installation and servicing

### Optional Modules

- SUDACT-300 Universal Digital Communicator
- Polarity Reversal and City Tie Module
- Semi-Flush mounting available with use of optional trim ring (FA-UNIV-TRB)



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## Application

The Summit SFC-300 Series are designed as economical Microprocessor Based Fire Alarm Control Panels which are expandable up to 24 display points. Ideal for applications such as small institutional and commercial buildings, shopping malls, offices and public establishments, the SFC-300 Series are configurable to meet virtually all requirements.

The panels are designed to be easy in installation, operation and maintenance. This makes the system cost effective and very reliable for its intended applications.

## Dimensions

26"H x 14½"W x 4½"D

## Ordering Information

Model Number	Description
<b>SCF-300 Series Fire Alarm Control Panels</b>	
SFC-308K	Microprocessor Based Fire Alarm Control Panel expandable up to 24 display points. The panel comes complete with Eight Class B (Style B) Initiating Circuits or Four Class A (Style D) Initiating Circuits, Four Class A/B (Style Z/Y) Indicating Circuits, 6 Amp Power Supply a red backbox and a black enclosure.
FA-UNIV-TRB	Semi-Flush Trim Ring Remote Trouble Indicator
<b>Adder Modules</b>	
SDM-308	Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuit Module
SSM-304	Four Class A/B (Style Z/Y) Indicating Circuit Module (Rated at 1.7 Amps per circuit)
SRM-308	Eight Relay Circuit Module c/w eight Form C relays (Rated for 28 VDC @ 1 Amp. max. per relay)
<b>Auxiliary Modules</b>	
SUDACT-300	Universal Digital Alarm Communication Transmitter/Dialer Module
SPR-200	Polarity Reversal and City Tie Module
<b>Remote Annunciators</b>	
SRAM-208R	Eight zone Remote LED Annunciator
SRAM-216R	Sixteen zone Remote LED Annunciator
SRAM-316	Sixteen zone Remote LED Annunciator. Mounts in SBB-301 series enclosure.
SRAM-332	32 zone Remote LED Annunciator. Mounts in SBB-301 series enclosure.
SBB-301R	Red Semi-Flush Enclosure for SRAM-316/SRAM-332.
SBB-301WPR	Red Semi-Flush Weatherproof Enclosure for SRAM-316/SRAM-332.
TH-101	Heater Kit for use with SBB-301WPR
SRTI-200	Remote Trouble Indicator
<b>Batteries</b>	
BA-110	12 Volt, 10 Amp/Hr. Battery - 2 pcs required per panel
BA-117	12 Volt, 17 Amp/Hr. Battery - 2 pcs required per panel